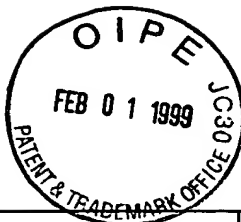




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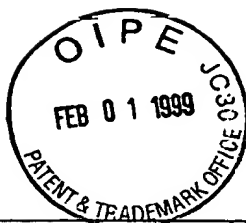
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		Applicant <b>Ching-Leou Teng and Greg Hardee</b>	
		Filing Date <b>July 1, 1998</b>	Group <del>1635</del> <b>1631</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>M</i>	AA	Akamo, Y. et al., "Chemotherapy Targeting Regional Lymph Nodes by Gastric Submucosal Injection of Liposomal Adriamycin in Patients with Gastric Carcinoma", <i>Japanese J. Cancer Res.</i> , <b>1994</b> , 85, 652-658	
<i>AB</i>	AB	Albert, P.R. et al., "Antisense knockouts: molecular scalpels for the dissection of signal transduction", <i>Trends Pharmacol. Sci.</i> , <b>1994</b> , 15, 250-254	
<i>AC</i>	AC	Anonymous, "ISIS Pharmaceuticals Demonstrates Efficacy In Chrohn's Disease with its Antisense Drug", <i>Genetic Engineer. News.</i> , <b>1997</b> , pages 1 and 34	
<i>AD</i>	AD	Aungst, B.J. et al., "Site Dependence of Absorption-Promoting Actions of Laureth-9, Na Salicylate, Na <sub>2</sub> EDTA, and Aprotinin on Rectal, Nasal, and Buccal Insulin Delivery", <i>Pharm. Res.</i> , <b>1988</b> , 5, 305-308	
<i>AE</i>	AE	Ausubel et al. (eds.), <i>Short Protocols in Molecular Biology</i> , 2d Ed., John Wiley and Sons, New York, NY, <i>Chapter 3</i> , 3-11 to 3-38	
<i>AF</i>	AF	Bailly, C. et al., "PCR-based development of DNA substrates containing modified bases: An efficient system for investigating the role of the exocyclic groups in chemical and structural recognition by minor groove binding drugs and proteins", <i>Proc. Natl. Acad. Sci. USA.</i> , <b>1996</b> , 93, 13623-13628	
<i>AG</i>	AG	Beck, S., "Nonradioactive Detection of DNA Using dioxetane Chemiluminescence", <i>Methods in Enzymology</i> , <b>1992</b> , 216, 143-153	
<i>AH</i>	AH	Benet et al., "Pharmacokinetics: The Dynamics of Drug Absorption, Distribution, and Elimination", <i>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</i> , 9th Ed., Hardman et al. (eds.), McGraw-Hill, New York, NY, <b>1996</b> , <i>Chapter 1</i> , 3-9	
<i>AI</i>	AI	Berge, S.M. et al., "Pharmaceutical Salts", <i>J. Pharm. Sci.</i> , <b>1977</b> , 66, 1-19	
<i>AJ</i>	AJ	Block, L., "Medicated Applications", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990</b> , <i>Ch. 87</i> , 1596-1614	
EXAMINER <i>William Sanders</i>		DATE CONSIDERED <i>4/27/99</i>	



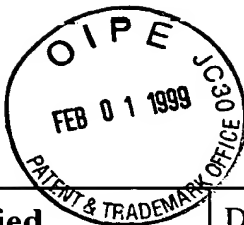
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>AK</i>	<b>AK</b>	Brunton, L.L., "Agents Affecting Gastrointestinal Water Flux and motility; Emesis and Antiemetics; Bile Acids and Pancreatic Enzymes", <i>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</i> , 9th Ed., Hardman et al. (eds.), McGraw-Hill, New York, <b>1996</b> , Chapter 38, 934-935	
<i>AL</i>	<b>AL</b>	Buur, A. et al., "Penetration of 5-Fluorouracil and prodrugs across the intestine of the albino rabbit: Evidence for shift in absorption site from the upper to the lower region of the gastrointestinal tract by prodrugs", <i>J. Controlled Release</i> , <b>1990</b> , 14, 43-51	
<i>AM</i>	<b>AM</b>	Buzayan, J.M. et al., "Satellite tobacco ringspot virus RNA: A subset of the RNA sequence is sufficient for autolytic processing", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1986</b> , 83, 8859-8862	
<i>AN</i>	<b>AN</b>	Chollet, A. et al., "DNA containing the base analogue 2-aminoadenine: preparation, us as hybridization probes and cleavage by restriction endonucleases", <i>Nucl. Acids Res.</i> , <b>1988</b> , 16, 305-317	
<i>AO</i>	<b>AO</b>	Constantinides, P.P. et al., "Formulation and Intestinal Absorption Enhancement Evaluation of Water-in-Oil Microemulsions Incorporating Medium-Chain Glycerides", <i>Pharm. Res.</i> , <b>1994</b> , 11, 1385-1390	
<i>AP</i>	<b>AP</b>	Crooke, S.T., "Progress in Antisense Therapeutics", <i>Hematologic Pathology</i> , <b>1995</b> , 9, 59-72	
<i>AQ</i>	<b>AQ</b>	Crooke, S.T. et al., "Progress in the development and patenting of antisense drug discovery technology", <i>Exp. Opin. Ther. Patents</i> , <b>1996</b> , 6, 855-870	
<i>AR</i>	<b>AR</b>	Crooke, S.T. et al., "Pharmacokinetic Properties of Several Novel Oligonucleotide Analogs in mice", <i>J. Pharmacol. Exp. Ther.</i> , <b>1996</b> , 277, 923-937	
<i>AS</i>	<b>AS</b>	Dean, N.M. et al., "Inhibition of protein kinase C- $\alpha$ expression in mice after systemic administration of phosphorothiate antisense oligodeoxynucleotides", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1994</b> , 91, 11762-11766	
<i>AT</i>	<b>AT</b>	DeVries, M.H. et al., "Decarboxylation of L-Dopa in the Rat Isolated Vascularly perfused Small Intestine: Contribution to Systemic Elimination and Dose-dependent First Pass Effect", <i>J. Pharm. Pharmacol.</i> , <b>1992</b> , 44, 311-314	
EXAMINER <i>William Sandals</i>		DATE CONSIDERED <i>4/27/98</i>	



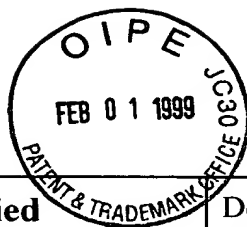
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>AU</b>	DiSanto, A.R., "Bioavailability and Bioequivalency Testing", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990</b> , Ch. 76, 1451-1458	
	<b>AV</b>	El-Hariri, L.M. et al., "The Mitigating Effects of Phosphatidylcholines on Bile Salt- and Lysophosphatidylcholine-induced Membrane Damage", <i>J. Pharm. Pharmacol.</i> , <b>1992</b> , 44, 651-654	
	<b>AW</b>	Forster, A.C. et al., "Self-Cleavage of Virusoid RNA is Performed by the Proposed 55-Nucleotide Active Site", <i>Cell</i> , <b>1987</b> , 50, 9-16	
	<b>AX</b>	Gaffney, B.L. et al., "The Influence of the Purine 2-Amino Group on DNA Conformation and Stability-II <i>Tetrahedron</i> , <b>1984</b> , 40, 3-13	
	<b>AY</b>	Gebeyehu, G. et al., "Novel biotinylated nucleotide - analogs for labelling and colorimetric detection of DNA", <i>Nucl. Acids Res.</i> , <b>1987</b> , 15, 4513-4534	
	<b>AZ</b>	Graham, M.J. et al., "Tritium labeling of antisense oligonucleotides by exchange with tritiated water", <i>Nucl. Acids Res.</i> , <b>1993</b> , 21, 3737-3743	
	<b>BA</b>	Harvey, S.C., "Drug Absorption, Action, and Disposition", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990</b> , Ch. 35, 711-715	
	<b>BB</b>	Hirahata et al., <i>Gan To Kagaku Ryoho</i> , <b>1992</b> , 19(10 Suppl.), 1591-1594 (English abstract included)	
	<b>BC</b>	Ho, H.O. et al., "Preparation of Microemulsions Using Polyglycerol Fatty Acid Esters as Surfactant for the Delivery of Protein Drugs", <i>J. Pharm. Sci.</i> , <b>1996</b> , 85, 138-143	
	<b>BD</b>	Ho, N.F.H et al., "Theoretical Model Studies of Drug Absorption and Transport in the GI Tract III", <i>J. Pharm. Sci.</i> , <b>1972</b> , 61, 192-197	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



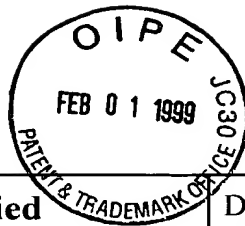
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>BE</b>	Inoue, Y. et al., "Trial of Electrolyzed Strong Acid Aqueous Solution Lavage in the treatment of Peritonitis and Intraperitoneal Abscess", <i>Artificial Organs</i> , <b>1997</b> , 21, 28-31	
	<b>BF</b>	Iverson, P. et al., "In vivo studies with phosphorothioate oligonucleotides: pharmacokinetics prologue", <i>Anti-Cancer Drug Des.</i> , <b>1991</b> , 6, 531-538	
	<b>BG</b>	Jarrett, H.W., "Affinity chromatography with nucleic acid polymers", <i>J. Chromatography</i> , <b>1993</b> , 618, 315-339	
	<b>BH</b>	Kabanov, A.V. et al., "A new class of antivirals" antisense oligonucleotides combined with a hydrophobic substituent effectively inhibit influenza virus reproduction and synthesis of virus-specific proteinsin MDCK cells", <i>FEBS Letts.</i> , <b>1990</b> , 259, 327-330	
	<b>BI</b>	Kararli, T.T. et al., "Oral Delivery of a Renin Inhibitor Compound Using Emulsion Formulations", <i>Pharmaceutical Res.</i> , <b>1992</b> , 9, 888-893	
	<b>BJ</b>	Katocs, A.S. et al., "Biological Testing", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990</b> , Ch. 27, 484-494	
	<b>BK</b>	Komiya, I. et al., "Quantitative Mechanistic Studies in Simultaneous Fluid Flow And Intestinal Absorption Using Steroids As Model Solutes", <i>Int. J. Pharmaceut.</i> , <b>1980</b> , 4, 249-262	
	<b>BL</b>	Kornberg, A., <i>DNA Replication</i> , W.H. Freeman and Co., San Francisco, <b>1980</b> , 4-7, 75-77	
	<b>BM</b>	Lee, V.H.L. et al., "Mucosal Penetration Enhancers For Facilitation of Peptide and Protein Drug Absorption", <i>Crit. Rev. Ther. Drug Carrier Systems</i> , <b>1991</b> , 8, 91-192	
	<b>BN</b>	Letsinger, R.L. et al., "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1989</b> , 86, 6553-6556	
EXAMINER		DATE CONSIDERED <b>4/24/99</b>	



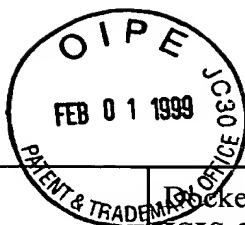
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
47	BO	Longer, M.A. et al., "Sustained-Release Drug Delivery Systems", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990, Ch. 91</b> , 1676-1693	
W	BP	Manoharan, M. et al., "Cholic Acid-Oligonucleotide Conjugates for Antisense Applications", <i>Bioorg. Med. Chem. Letts.</i> , <b>1994, 4</b> , 1053-1060	
46	BQ	Manoharan, M. et al., "Chemical Modifications to Improve Uptake and Bioavailability of Antisense Oligonucleotides", <i>Ann. N.Y. Acad. Sci.</i> , <b>1992, 660</b> , 306-309	
87	BR	Manoharan, M. et al., "Introduction of a Lipophilic Thioether Tether in the Minor Groove of Nucleic Acids for Antisense Applications", <i>Bioorg. Med. Chem. Letts.</i> , <b>1993, 3</b> , 2765-2770	
1	BS	Manoharan, M. et al., "Lipidic Nucleic Acids", <i>Tetrahedron Letts.</i> , <b>1995, 36</b> , 3651-3654	
17	BT	Manoharan, M. et al., "Oligonucleotide conjugates: Alteration of the Pharmacokinetic Properties of Antisense Agents", <i>Nucleosides &amp; Nucleotides</i> , <b>1995, 14</b> , 969-973	
47	BU	Martin, P., "Ein neuer Zugang zu 2'-O-Alkylribonucleosiden und Eigenschaften deren Oligonucleotide", <i>Helvetica Chimica Acta</i> , <b>1995, 78</b> , 486-504 (English summary included)	
17	BV	Mishra, R.K. et al., "Improved leishmanicidal effect of phosphorothioate antisense oligonucleotides by LDL-mediated delivery", <i>Biochim. Biophys. Acta</i> , <b>1995, 1264</b> , 229-237	
12	BW	Miyao, T. et al., "Stability and Pharmacokinetic Characteristics of Oligonucleotides Modified at terminal Linkages in Mice", <i>Antisense Res. Dev.</i> , <b>1995, 5</b> , 115-121	
1	BX	Muranishi, S., "Absorption Enhancers", <i>Crit. Rev. Ther. Drug Carrier Systems</i> , <b>1990, 7</b> , 1-33	
<b>EXAMINER</b> <i>William Sachs</i>		<b>DATE CONSIDERED</b> <i>4/22/99</i>	



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>ISIS-3105</b>	Serial No. <b>09/108,673</b>
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>h</i>	<b>BY</b>	Nairn, J.G., "Solutions, Emulsions, Suspensions and Extracts", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990, Ch. 83, 1519-1544</b>	
<i>M</i>	<b>BZ</b>	Nielsen, P.E. et al., "Sequence-Selective Recognition of DNA by Strand Displacement with a Thymine-Substituted Polyamide", <i>Science</i> , <b>1991, 254, 1497-1500</b>	
<i>W</i>	<b>CA</b>	Nies, A.S. et al., "Principles of Therapeutics", <i>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics</i> , 9th Ed., Hardman et al. (eds.), McGraw-Hill, New York, NY, <b>1996, Ch. 3, 43-62</b>	
<i>h</i>	<b>CB</b>	Oberhauser, B. et al., "Effective incorporation of 2'-O-methyl-oligoribonucleotides into liposomes and enhanced cell association through modification with thiocholesterol", <i>Nucl. Acids Res.</i> , <b>1992, 20, 533-538</b>	
<i>M</i>	<b>CC</b>	Pennington, C.R. et al., "Review article: artificial nutritional support for patient care", <i>Ailment Pharmacol. Ther.</i> , <b>1995, 9, 471-481</b>	
<i>h</i>	<b>CD</b>	Plenat, F. et al., "Animal models of antisense oligonucleotides: lessons for use in humans", <i>Mol. Med. Today</i> , <b>June 1996, 250-257</b>	
<i>M</i>	<b>CE</b>	Porter, S.C., "Coating of Pharmaceutical Dosage Forms", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990, Ch. 90, 1666-1675</b>	
<i>M</i>	<b>CF</b>	Powell, J.J. et al., "Intestinal perfusion of dietary levels of aluminium: association with the mucosa", <i>Gut</i> , <b>1994, 35, 1053-1057</b>	
<i>h</i>	<b>CG</b>	Prosnyak, M.I. et al., "Substitution of 2-Aminoadenine and 5-Methylcytosine for Adenine and Cytosine in Hybridization Probes Increases the Sensitivity of DNA Fingerprinting", <i>Genomics</i> , <b>1994, 21, 490-494</b>	
<i>M</i>	<b>CH</b>	Robertson, D., "Crohn's trial shows the pros of antisense", <i>Nature Biotechnology</i> , <b>1997, 15, 209</b>	
<b>EXAMINER</b> <i>William S. J. [Signature]</i>		<b>DATE CONSIDERED</b> <i>4/24/98</i>	

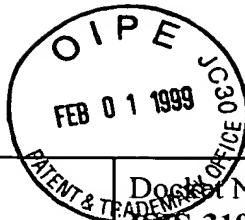


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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>W</i>	CI	Rudnic, E. et al., "Oral Solid Dosage Forms", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990</b> , Ch. 89, 1633-1665	
<i>W</i>	CJ	Ruth, J.L., "Oligonucleotide-Enzyme Conjugates" <i>Methods of Molecular Biology</i> , Agrawal, S. (ed.), Humana Press, Totowa, NJ, <b>1994</b> , Chapter 6, 167-185	
<i>W</i>	CK	Saison-Behmoaras, T. et al., "Short modified antisense oligonucleotides directed against Ha-ras point mutation induce selective cleavage of the mRNA and inhibit T24 cells proliferation", <i>EMBO J.</i> , <b>1991</b> , 10, 1111-1118	
<i>W</i>	CL	Sambrook et al. (eds.), "Preparation of Radiolabeled DNA and RNA Probes", <i>Molecular Cloning: A Laboratory Manual</i> , 2d. Ed., Chapter 10, 10.1 to 10.70	
<i>W</i>	CM	Shea, R.G. et al., "Synthesis, hybridization properties and antiviral activity of lipid-oligonucleotide conjugates", <i>Nucl. Acids Res.</i> , <b>1990</b> , 18, 3777-3783	
<i>W</i>	CN	Smith, L.M., "Automated Synthesis and Sequence Analysis of Biological Macromolecules", <i>Anal. Chem.</i> , <b>1988</b> , 60, 381A-390A	
<i>W</i>	CO	Somogyi, A.A. et al., "Evaluation of the Intestinal Absorption of Erythromycin in Man: Absolute Bioavailability Comparison with Enteric Coated Erythromycin", <i>Pharm. Res.</i> , <b>1995</b> , 12, 149-154	
<i>W</i>	CP	Svinarchuk, F.P. et al., "Inhibition of HIV proliferation in MT-4 cells by antisense oligonucleotide conjugated to lipophilic groups", <i>Biochimie</i> , <b>1993</b> , 75, 49-54	
<i>W</i>	CQ	Swinyard, E.A., "Gastrointestinal Drugs", <i>Remington's Pharmaceutical Sciences</i> , 18th Ed., Gennaro (ed.), Mack Publishing Co., Easton, PA, <b>1990</b> , Ch. 39, 782-783	
<i>W</i>	CR	Takahasi, H. et al., "The Use of a Perfluorochemical Emulsion as a Vascular Perfusate in Drug Absorption", <i>J. Pharm. Pharmacol.</i> , <b>1988</b> , 40, 252-257	
EXAMINER <i>William S. Hardee</i>		DATE CONSIDERED <i>4/27/99</i>	

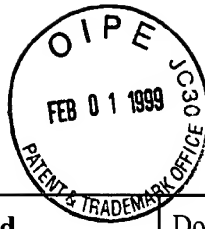


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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>CS</b>	Takakura, Y. et al., "Uptake Characteristics of Oligonucleotides in the Isolated Rat Liver Profusion System", <i>Antisense Nucl. Acid Drug Dev.</i> , <b>1996</b> , 6, 177-183	
	<b>CT</b>	U.S. Congress, Office of Technology Assessment, Genetic Monitoring and Screening in the Workplace, OTA-BA-455, U.S. Government Printing Office, Washington, D.C., <b>1990</b> , Ch. 5, 75-99	
	<b>CU</b>	van Berge-Henegouwen, G.P. et al., "Pharmacology of Chenodeoxycholic Acid. II. Absorption and metabolism", <i>Gastroenterol.</i> , <b>1977</b> , 73, 300-309	
	<b>CV</b>	Wahlestedt, C. et al., "Antisense oligodeoxynucleotides to NMDA-R1 receptor channel protect cortical neurons from excitotoxicity and reduce focal ischaemic infarctions", <i>Nature</i> , <b>1993</b> , 363, 260-263	
	<b>CW</b>	Wahlestedt, C. et al., "Modulation of Anxiety and Neuropeptide Y-Y1 Receptors by antisense Oligodeoxynucleotides", <i>Science</i> , <b>1993</b> , 259, 528-531	
	<b>CX</b>	Warren, W.J. et al., "Protocols for Oligonucleotides Conjugates", <i>Methods in Molecular Biology</i> , Agrawal, S. (ed.), Humana Press, Totowa, NJ, <b>1994</b> , Vol. 26, Chapter 9, 233-264	
	<b>CY</b>	Yamamoto, A. et al., "A Mechanistic study on Enhancement of Rectal Permeability to Insulin in the Albino Rabbit", <i>J. Pharm. Exp. Ther.</i> , <b>1992</b> , 263, 25-31	
	<b>CZ</b>	Yamashita, S. et al., "Effect of Adjuvants on charge-Selective Permeability and Electrical Resistance of Rat Jejunal Membrane", <i>J. Pharm. Sci.</i> , <b>1990</b> , 79, 579-583	
	<b>DA</b>	Yamashita, S. et al., "Effects of diclofenac sodium and disodium ethylenediaminetetraacetate on electrical parameters of the mucosal membrane and their relation to the permeability enhancing effects in the rat jejunum", <i>J. Pharm. Pharmacol.</i> , <b>1987</b> , 39, 621-626	
	<b>DB</b>	Yamashita, S. et al., "Kinetic Analysis of the Drug Permeation Process Across the Intestinal Epithelium", <i>Pharm. Res.</i> , <b>1994</b> , 11, 1646-1651	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



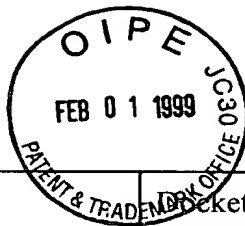


<b>Form PTO-1449 Modified</b>		Docket No. <b>ISIS-3105</b>	Serial No. <b>09/108,673</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Applicant <b>Ching-Leou Teng and Greg Hardee</b>	
		Filing Date <b>July 1, 1998</b>	Group <b>1635 1636</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>161</i>	<b>DC</b>	Gerwartz et al., "Facilitating oligonucleotide delivery: Helping antisense deliver in its promise", <i>PNAS (USA)</i> , <b>1996</b> , 93, 3161-3163	
<i>167</i>	<b>DD</b>	Gura, T., "Antisense has growing pains. Efforts to develop antisense compounds as therapies for cancer, AIDS, and other diseases have encountered some unexpected questions about how the drugs really work", <i>Science</i> , <b>1995</b> , 270, 575-577	
<i>157</i>	<b>DE</b>	Stull et al., "Antigene, ribozyme and aptamer nucleic acid drugs: progress and prospects", <i>Pharm. Res.</i> , <b>1995</b> , 12(4), 465-483	
<i>162</i>	<b>DF</b>	Baker, B.F. et al., "Cleavage of the 5' Cap Structure of mRNA by a Europium(III) Macrocyclic Complex with Pendant Alcohol Groups", <i>J. Am. Chem. Soc.</i> , <b>1997</b> , 119(38), 8749-8755	
<i>163</i>	<b>DG</b>	Chiang, M.Y. et al., "Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule 1 Expression by Two Distinct Mechanisms", <i>J. Biol. Chem.</i> , <b>1991</b> , 266, 18162-18171	
<i>164</i>	<b>DH</b>	Forster, A.C. et al., "External Guide Sequences for an RNA Enzyme", <i>Science</i> , <b>1990</b> , 249, 783-786	
<i>165</i>	<b>DI</b>	Haseloff, J. et al., "Simple RNA enzymes with new and highly specific endoribonuclease activities", <i>Nature</i> , <b>1988</b> , 334, 585-591	
<i>166</i>			
<b>EXAMINER</b> <i>William Smith</i>		<b>DATE CONSIDERED</b> <i>4/27/99</i>	



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<b>Form PTO-1449 Modified</b>				Docket No. <b>ISIS-3105</b>		Serial No. <b>09/108,673</b>	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				Applicant <b>Ching-Leou Teng and Greg Hardee</b>			
				Filing Date <b>July 1, 1998</b>		Group <b>1635-1636</b>	
U.S. Department of Commerce Patent and Trademark Office							
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
WJ	DJ	4,689,320	11/25/87	Kaji	514	44	
WJ	DK	4,806,463	02/21/89	Goodchild et al.	435	5	
WJ	DL	4,835,263	05/30/89	Nguyen et al.	536	27	
WJ	DM	5,004,810	04/02/91	Draper	536	27	
WJ	DN	5,034,506	07/23/91	Summerton et al.	528	391	
WJ	DO	5,087,617	02/11/92	Smith	514	44	
WJ	DP	5,098,890	04/24/92	Gewirtz et al.	514	44	
WJ	DQ	5,135,917	08/04/92	Burch	514	44	
WJ	DR	5,138,045	08/11/92	Cook et al.	536	27	
WJ	DS	5,166,195	11/24/92	Ecker	514	44	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation YES NO		
WJ	DT	WO 92/20823	11/26/92	PCT	X		
WJ	DU	WO 93/24510	12/09/93	PCT	X		
WJ	DV	WO 95/11748	05/04/95	PCT	X		
WJ	DW	WO 96/32496	10/17/96	PCT	X		
WJ	DX	WO 96/34008	10/31/96	PCT	X		
EXAMINER <i>William S. Sanders</i>				DATE CONSIDERED <i>4/22/99</i>			

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List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Patent No.  
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Applicant  
**Ching-Leou Teng and Greg Hardee**

Filing Date  
**July 1, 1998**

Group  
**1635 1636**

**U. S. PATENT DOCUMENTS**

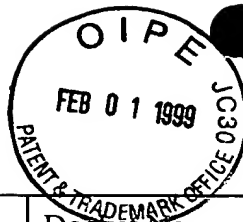
Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>WJ</i>	EL	5,459,255	10/17/95	Cook et al.	536	27.13
<i>WJ</i>	EM	5,506,351	04/09/96	McGee	536	55.3
<i>WJ</i>	EN	5,521,302	05/28/96	Cook	536	25.31
<i>WJ</i>	EO	5,539,082	07/23/96	Nielsen et al.	530	300
<i>WJ</i>	EP	5,539,083	07/23/96	Cook et al.	530	333
<i>WJ</i>	EQ	5,541,307	07/30/96	Cook et al.	536	23.1
<i>WJ</i>	ER	5,543,508	08/06/96	Haseloff et al.	536 435	23.2 365
<i>WJ</i>	ES	5,545,729	08/13/96	Goodchild et al.	536	24.5
<i>WJ</i>	ET	5,554,746	09/10/96	Ravikumar et al.	540	200
<i>WJ</i>	EU	5,571,902	11/05/96	Ravikumar et al.	536	22.1

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	

EXAMINER *William S. S. S.*

DATE CONSIDERED *4/27/99*

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List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
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Filing Date  
**July 1, 1998**

Group  
**1635-1636**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>W</i>	<b>EV</b>	5,578,718	11/26/96	Cook et al.	536	27.21
<i>W</i>	<b>EW</b>	5,587,361	12/24/96	Cook et al.	514	44
<i>W</i>	<b>EX</b>	5,587,469	12/24/96	Cook et al.	536	23.1
<i>W</i>	<b>EY</b>	5,587,470	12/24/96	Cook et al.	536	23.1
<i>W</i>	<b>EZ</b>	5,591,721	01/07/97	Agrawal et al.	514	44
<i>W</i>	<b>FA</b>	5,595,978	01/21/97	Draper et al.	514	44
<i>W</i>	<b>FB</b>	5,599,797	02/04/97	Cook et al.	514	44
<i>W</i>	<b>FC</b>	5,602,240	02/11/97	De Mesmaeker et al.	536	22.1
<i>W</i>	<b>FD</b>	5,608,046	03/04/97	Cook et al.	536	23.1
<i>W</i>	<b>FE</b>	5,610,289	5,610,289	Cook et al.	536	25.34

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	

EXAMINER *William Sachs*

DATE CONSIDERED *4/27/99*



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Dossier: 09108673

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